

**Rural electrification in Rajasthan**

†659. SHRI LALIT KISHORE CHATURVEDI: Will the Minister of POWER be pleased to state:

(a) whether Government of Rajasthan has sent schemes for approval under Rajiv Gandhi Grameen Vidyutikaran Yojana for providing electricity to the domestic consumer of rural areas;

(b) if so, the number of schemes sent by the State Government to the Central Government for approval;

(c) the number of schemes sanctioned and the reasons for not sanctioning the remaining schemes; and

(d) by when the remaining schemes will be sanctioned?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) Yes, Sir. Rajasthan Government has submitted 41 Detailed Project Reports (DPRs) for 32 districts under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) for electrification of un-electrified villages and for intensive electrification of already electrified villages.

(c) and (d) Sanction has been accorded to DPRs for 26 districts of Rajasthan. The sanctioning of balance projects is dependent on the approval of the Government for continuation of the scheme and enhancement of funds in the XI-Plan.

**Tapping of power potential**

660. SHRIMATI JAYA BACHCHAN: Will the Minister of POWER be pleased to state:

(a) the extent to which the power sector in the country has been tapped currently; and

(b) the estimated potential of the power sector in the country at present along with the details of plans aimed at exploitation of power sector?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) The installed capacity in the country as on 31st January 2007 was 128182.5

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†Original notice of the question was received in Hindi.

MW comprising of 33941.8 MW HydrO, 84149.9 MW Thermal and 3900 Nuclear and 6190.9 MW Wind.

(b) According to the data available in the Integrated Energy Policy report, the estimated proven reserves of coal in the country is over 38100 Million tons of oil equivalent (Mtoe), Lignite reserve is 1220 Mtoe, Oil reserve is 786 million tons, gas reserve is 1101 Mtoe and coal bed methane is 765 Mtoe. The report further indicates substantial availability of thorium reserves.

The re-assessment studies of hydro-electric potential of the country, completed by the Central Electricity Authority in 1987, have placed the exploitable hydro power potential at 84,044 MW at 60% load factor which will result in an install capacity of about 1,50,000 MW on the basis of probable average load factor.

In addition, currently the estimated renewable energy potential is reported to be over 84,700 MW.

For optimum utilization of energy resources in the power sector, following actions have been taken:

- Coal to remain the main stay in the energy fuel mix. Out of the projects aggregating to over 76400 MW identified for the Eleventh Plan, over 51,000 MW is coal based.
- Nuclear capacity would increased from present 3900 MW to over 7200 MW.
- Shelf of thermal projects aggregating to over 1,00,000 MW has been prepared for taking up in the future.
- 50,000 MW hydro initiative has been launched for coordinated development of hydro potential.
- \* During Eleventh Plan, capacity, addition to the tune of 14,000 MW through renewable sources is proposed.

### **Ultra mega power project in Karnataka**

661. SHRI JANARDHANA POOJARY: Will the Minister of POWER be pleased to state:

(a) whether Government have proposed to set up ultra mega power